



EXECUTIVE OFFICER'S REPORT

North Coast Regional Water Quality Control Board
October 17, 2019

2019 CyanoHAB Monitoring and Results *Rich Fadness*

In 2015, the North Coast Regional Water Quality Control Board (Regional Water Board), through the Regional Surface Water Ambient Monitoring Program (SWAMP), established the North Coast Cyanobacteria and Harmful Algal Bloom Monitoring & Response Program (CyanoHAB program) following reports of dog deaths in the Eel and Russian Rivers. Generally, more is known about CyanoHABs in lakes and reservoirs compared to those within a river system. The Regional Water Board's CyanoHAB program was initially designed to document the presence of cyanobacteria and associated cyanotoxins in the Eel and Russian Rivers and has since expanded to include additional monitoring, research, and outreach with a focus on building strong partnerships and improving monitoring coordination and response throughout our Region.

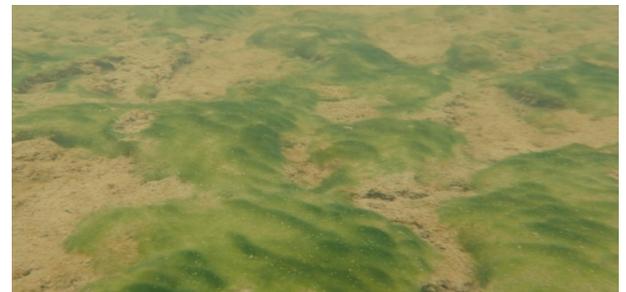
Through this program, staff have discovered that benthic cyanobacteria species are present in much of the Region and are negatively impacting at least three of our major river systems (the Eel River, South Fork Eel River, and Russian River). Species of cyanobacteria that grow on the surface of substrate (rocks, gravel, etc.) in a riverbed are called "benthic" species. Additionally, these efforts are leading to a refinement in the monitoring techniques used to measure toxins produced by cyanobacteria and

expanding the collaborative research network to include outside agencies, academics, and research scientists from all over the world to further develop lab analysis and data collection protocols that will aid in better understanding the dynamics of cyanotoxin production from benthic CyanoHABs and their effects.

The presence of multiple cyanotoxins have been documented in benthic mats at concentrations that suggest a revision of the State's public health alert posting guidance is warranted and should be based upon the presence of specific benthic cyanobacteria species and toxin concentrations within mats which are the most probable vector for dog deaths and likely a public health risk, especially for children.



Benthic Cyanobacteria – Russian River Guerneville



Benthic Cyanobacteria – Russian River Cloverdale

Staff's collaborative efforts with research scientists have led to the first scientific documentation of a cyanotoxin causing a toxic response to benthic macroinvertebrates in the laboratory setting. In addition, staff's partnership building has led to the genetic analysis of a benthic cyanobacteria from the Russian River which suggests that some benthic species uniquely produce a potent cyanotoxin, which was previously considered to be a cyanotoxin degradant with limited toxicity. The scientific findings of Regional Board staff and research collaborators have been documented in current and upcoming journal publications. These findings and answers to other monitoring questions were presented during the September 5, 2018 Board Meeting.

As part of the CyanoHAB program, in early 2019, Regional Water Board staff collaborated with cyanobacteria researchers from the US Army Corps of Engineers and the Metropolitan Water District of Southern California to produce an article that was included in the Summer 2019 LakeLine magazine published in early September by the North American Lake Management Society (NALMS). The focus of the article is to introduce those who manage aquatic systems to the risks associated with benthic cyanobacteria and highlight the current shortcomings regarding available guidance and criteria for dealing with benthic CyanoHABs.



Summer 2019 LakeLine magazine published in early September by the North American Lake Management Society (NALMS).

There are several documented cyanotoxins released by benthic cyanobacteria, but draft EPA water quality criteria for recreational water and health advisories for drinking water focus on just two toxins. These criteria were primarily developed in response to research conducted on planktonic species. The lack of research into the various other toxins produced by benthic species and potential associated health risks leaves individual States to determine criteria on their own or to ignore the risks associated with exposure to these toxins either singly or synergistically. New research and tool development are required to fully quantify the risks.

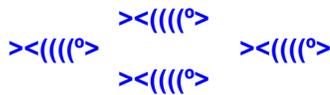
At the present time, no federal or state guidelines, water quality criteria or regulations exist to provide recommendations to water managers (e.g., government agencies, local authorities, drinking water suppliers) regarding the appropriate response to or management of benthic CyanoHABs. Benthic cyanobacteria produce toxins that are harmful to humans, animals, and aquatic life and it is important that water managers work together with regulators to develop protocols and establish water quality criteria that protects the public, animals and aquatic life.

The North Coast Regional Water Board has become a leader in the effort to better understand the health risks of benthic CyanoHABs by conducting studies on cyanotoxin production and associated environmental effects, developing protocols and guidance documents, and promoting research, collaboration and information sharing through the establishment of the [International Benthic HABs Workgroup](#).

The future of the Regional CyanoHAB program is in question as it does not have a dedicated formal funding source. The Region has relied upon the Regional SWAMP

program for staff and laboratory resources to accomplish this work, however this program will cease in March 2020 as we transition into a new five-year workplan and our focus moves to collecting data and information for other regional programs.

In August 2019, the State Legislature passed AB 834 which establishes the Freshwater and Estuarine Harmful Algal Bloom Program at the State Water Board to protect water quality and public health from harmful algal blooms. The establishment of the Freshwater and Estuarine Harmful Algal Bloom Program calls for the creation of five staff positions within the Water Boards. The Region will be petitioning to the State Water Board for one of those positions to be dedicated to the North Coast Region to continue [the North Coast Cyanobacteria and Harmful Algal Bloom Monitoring & Response Program](#).



Winter is Coming- Storm Water Program Update *Heaven Moore*

The Regional Water Board's storm water team is out preparing for winter. The team is taking a proactive approach to working with industries and operators of construction sites regulated under the Statewide Industrial General Permit (IGP) and Construction General Permit (CGP). Staff in both programs have been conducting dry weather inspections to meet with facility staff, contractors, and designers. Inspection meetings are used to assess sites, go over regulatory requirements, answer questions, and build relationships with the goal that Permittees have installed adequate controls in place to prevent discharges to waters during wet weather.

Industrial inspections have been focused on response to complaints, sites with past compliance issues, sites filing for termination of coverage, and key sectors such as concrete, quarries, and auto wrecking facilities.



Concrete facility (Humboldt County). Photo by Farzad Kasmaei

Now that the majority of those sites have been inspected, staff is taking a data driven approach to focus inspections on those facilities that exceeded Annual Numeric Action Levels (NALs). Staff has identified almost 90 industrial sites that reported exceeding water quality limits in their last annual report. These sites will be notified of the exceedance by letter and prioritized for inspection this winter. So far, this dry season, Industrial Storm Water staff has inspected over 35 sites, meeting our performance target for fiscal year 2019/2020.

Owing to the large geographic area of our region, construction inspections have been focused on sites with past enforcement actions and other large high-risk sites. Of the approximately 250 construction sites currently enrolled under the CGP in Region 1, nearly 60 sites are of the highest risk level due to size, time of year, slope, soil type, and sensitivity of the receiving water.



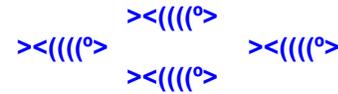
Wattle on construction site in Sonoma County– Photo by Josh Luders

Staff has used the data available in Stormwater Multiple Application and Report Tracking System (SMARTS) to identify Qualified Storm Water Pollution Prevention Plan Developers (QSD) and Practitioners (QSP) that are developing and implementing a large number of Storm Water Prevention Plans (SWPPP) in the region. Staff is then scheduling meetings with those firms or individuals to review the requirements and start relationship building. Additionally, staff is conducting joint inspections with cities and county inspection staff to build collaborative relationships and build inspection consistency. So far over 80 construction sites have been inspected, exceeding our performance targets for fiscal year 2019/2020.

Given the large number of regulated storm water facilities in R1, both the IGP and CGP programs have developed and are using a new inspection checklist to help streamline inspections and provide consistency among storm water inspectors. The checklists are completed in the field and then uploaded to the publicly available Stormwater Multiple Application and Report Tracking System (SMARTS) to provide more rapid feedback to facilities and site operators.

This proactive effort, as well as the development and use of inspection checklists, letters, and data driven prioritization has already resulted is much

more engagement with the regulated sectors. By focusing on preparedness, we expect sites to be better able to control their sites this coming winter to protect receiving waters.



Phase 1B of the South Fork Ten Mile River Habitat Enhancement Supplemental Environmental Project

Joshua Curtis and Gil Falcone

On August 1st, 2019 the North Coast Regional Water Board entered into a multi-agency civil liability settlement agreement with Rhys Vineyards, LLC to resolve multiple water quality violations including the permanent fill and loss of a half-acre of wetlands and 2,148 feet of a stream channel. The investigation, and ensuing settlement negotiations, involved the State Water Board, North Coast Regional Water Board and CA Department of Fish and Wildlife, and stretched over four years. The settlement agreement required Rhys Vineyards LLC, to pay \$3.7 million in penalties for committing multiple violations of the federal Clean Water Act, CA Fish and Game Code, and CA Water Code while developing a hillside property that straddles the South Fork Eel River and North Fork Ten Mile River watersheds in Mendocino County.

One significant component of this agreement was the funding and implementation of a Supplemental Environmental Project (SEP). An SEP is defined in statute as “an environmentally beneficial project that a person subject to an enforcement action voluntarily agrees to undertake in settlement of the action and to offset a portion of a civil penalty.” Regional Water Boards are

authorized to allow a settling party to satisfy part of the monetary assessment imposed in an administrative civil liability (ACL) order arising out of a settlement by completing or funding one or more SEPs. Generally, no more than 50 percent of a penalty may be utilized for the purpose of funding a SEP.

As part of this settlement, Rhys Vineyards LLC agreed to fund *Phase 1B of the South Fork Ten Mile River Habitat Enhancement Project* SEP, implemented by The Nature Conservancy (TNC) for the amount of \$1,651,376 (50 percent of the Regional Water Board's monetary assessment). Additionally, CA Department of Fish and Wildlife agreed to direct an additional \$118,824 of their monetary assessment toward this project for a total of \$1,770,200. This additional funding demonstrates the benefits of working jointly with partner agencies on enforcement actions and was instrumental in securing full funding for this project.

Phase 1B of the South Fork Ten Mile River Habitat Enhancement Project is a follow on to TNC's successful completion of phase 1A that included wetland enhancement, off-channel and in-stream habitat components for threatened coho salmon and other salmonids on the South Fork Ten Mile River. The goal of this SEP is to enhance salmonid breeding habitat along approximately 1.7 miles of the South Fork and 4.5 miles of the mainstem Ten Mile River, an important coho salmon river on the Mendocino Coast. The scope and tasks of the SEP were negotiated as part of the settlement agreement. Phase 1B is to be planned, permitted and implemented between 2019 - 2021 and includes wetlands enhancement as well as the creation of alcoves, high-flow secondary channels and engineered log jams to create complex salmonid habitat. The settlement agreement includes a scope of work that outlines project tasks including project design and revision, regulatory compliance,

administration, site management, construction and site revegetation. The inclusion of an SEP as part of an enforcement action is a key method of ensuring that monetary penalties are directed back toward the watersheds and communities directly impacted by water quality violations and their associated degradation of water quality conditions. This SEP is an outstanding example of how to utilize enforcement actions to have significant improvements in water quality, water resources, and aquatic habitat recovery.



Phase 1A engineered log jam structures on the South Fork Ten Mile River. Photo by The Nature Conservancy.



Phase 1A off-channel habitat restoration on the South Fork Ten Mile River. Photo by The Nature Conservancy.

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Enforcement Report for October 2019 Executive Officer's Report

Diana Henriouille

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
July 24, 2019	Blagovest Kalinov, Valentino Dimi, Intrex Enterprises LLC	NOV	Water Quality Control Plan for the North Coast Region (Basin Plan) sections 4.1.10, 4.2.1, and 4.2.13; Violations of Order No. R1-2015-0023 (Regional cannabis order)	Ongoing

Comments: On July 24, 2019, the Enforcement Unit senior issued a Notice of Violation (NOV) to Valentino Dimi and Blagovest Kalinov and Intrex Enterprises, LLC for violations of the Basin Plan and the Regional cannabis order at their cannabis cultivation site in Humboldt County, in the Salmon Creek watershed, tributary to the South Fork Eel River. During a December 20, 2018, inspection, Regional Water Board staff observed numerous features associated with site development and use for cannabis cultivation that had impacted or threatened to impact receiving waters. The NOV directs the recipients to contact Regional Water Board staff to advise of plans and schedule to correct the observed violations on the property. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 2, 2019	Rhys Vineyards LLC	ACLO	Unauthorized dredge/fill in receiving waters. Discharges and threatened discharges of waste to receiving waters. Violations of Basin Plan, Water Code, and federal Clean Water Act.	Ongoing

Comments: On August 2, 2019, the Regional Water Board Executive Officer (EO) issued Administrative Civil Liability Order (ACLO) No. R1-2019-0034 to Rhys Vineyards LLC, approving a Settlement Agreement and Stipulation of Entry of Proposed Orders entered into by Regional Water Board prosecution team staff, and prosecution staff of the State Water Board's Division of Water Rights (Water Rights) and the California Department of Fish and Wildlife (CDFW), and settling respondent Rhys Vineyards, LLC. The ACLO settled violations associated with sediment discharges and dredge/fill in surface waters caused by and resulting from vineyard development and road construction/reconstruction. The ACLO includes assessment of a \$3,763,391 penalty, a portion of which (\$1,651,376) will be suspended pending completion of a Supplemental Environmental Project (SEP – see article in this E.O.'s Report). As a provision of the overall settlement agreement, Rhys Vineyards, LLC will conduct cleanup and restoration work on roads and stream crossings on the project site. Since ACLO issuance, Rhys Vineyards, LLC has made penalty payments per the ACLO schedule. SEP and cleanup/restoration work are ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 6, 2019	Bob Barsotti, Maria Mangini, Irene Engber, Black Oak Ranch LLC.	NOV	Unauthorized discharges and/or threatened discharges of waste to waters of the state, Basin Plan, Water Code, federal Clean Water Act.	Ongoing

Comments: On August 6, 2019, the Enforcement Unit senior issued an NOV to Bob Barsotti, Maria Mangini, and Irene Engbar, Agent for Service of Process for Black Oak Ranch LLC (Dischargers) for violations associated with unauthorized installation of a watercourse crossing in Streeter Creek, on the Black Oak Ranch, located approximately 5 miles north of Laytonville. Staff of the Regional Water Board and CDFW inspected the property on June 3, 2019, in response to a complaint received by CDFW in May 2019. The NOV directs the Dischargers to review an accompanying inspection report providing recommendations to correct the violations, and requests that the Dischargers contact Regional Water Board staff within 30 days of the NOV issuance to discuss plans to correct the violations. The Dischargers have provided an incomplete plan, and Regional Water Board staff are working closely with the Dischargers, consultants, and CDFW staff on plan/project review.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 7, 2019	Leif Stafslie	NOV	Water Code section 13264, Regional cannabis order	Ongoing

Comments: On August 7, 2019, the senior of the northern Cannabis Regulatory Unit issued a NOV to Leif Stafslie for numerous violations of the Regional cannabis order on his property in the Mattole River watershed. During a May 23, 2019, inspection, Regional Water Board staff observed numerous features associated with site development and use for cannabis cultivation that had impacted or threatened to impact receiving waters. The NOV directs Mr. Stafslie to submit an updated Site Management Plan for the Property that includes his plan and schedule for correcting the identified violations. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 9, 2019	Mario Avelar, Victor Avelar, Avelar Brothers Dairy	13267/ 13383 Order for a Technical Report	Discharges and/or threatened discharges of dairy-related wastes to receiving waters.	Ongoing

Comments: On August 8, 2019, Assistant Executive Officer (AEO) Josh Curtis issued to Mario and Victor Avelar/Avelar Brothers Dairy a Water Code section 13267/13383 Order for a Technical Report (Work Plan) to remedy potential discharges of waste to surface and ground water at the Avelar Dairy in the Salt River watershed near Ferndale. On January 28, 2019, Regional Water Board staff inspected the dairy and observed a number of features and conditions that appeared to be causing or resulting in discharges or threatened discharges to

receiving waters. The Order requires that the Dischargers submit a Work Plan by September 15, 2019. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 13, 2019	Robert Rainey, Rainey Ranch Grazing	13267	Discharges and/or threatened discharges of grazing/livestock-related wastes to receiving waters.	Ongoing

Comments: On August 13, 2019, the EO issued a Water Code section 13267 Order to Robert Rainey, directing Mr. Rainey to submit a Grazing and Riparian Management, Erosion Control, Monitoring, and Reporting Plan (Plan) for the Rainey Ranch in the Klamath River watershed. The Order references water quality concerns staff observed during a March 27, 2019, inspection, associated with livestock grazing, fording, watering, and bed-down areas in and near Buckthorn Creek, Horse Creek, and the Klamath River. The Order requires that Mr. Rainey submit the Plan by October 14, 2019. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 15, 2019	Joseph Stafslie	NOV	Regional cannabis order	Ongoing

Comments: On August 15, 2019, the senior of the northern Cannabis Regulatory Unit issued a NOV to Joseph Stafslie for numerous violations of the Regional cannabis order on his property in the Mattole River watershed. During a May 23, 2019, inspection, Regional Water Board staff observed numerous features associated with site development and use for cannabis cultivation that had impacted or threatened to impact receiving waters. The NOV directs Mr. Stafslie to submit an updated Site Management Plan for the Property that includes his plan and schedule for correcting the identified violations. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 16, 2019	Francis Bushman	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264	Ongoing

Comments: On August 16, 2019, the Enforcement Unit senior issued a NOV to Francis Bushman for violations associated with his property, in the Eel River watershed near Laytonville. During a July 15, 2019, inspection with staff of several agencies, including CDFW, Water Rights, California Department of Food and Agriculture's CalCannabis Bureau, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs Mr. Bushman to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Bushman to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 16, 2019	Dina M. Fratis	NOV	Water Code sections 13260 and 13264	Ongoing

Comments: Comments: On August 16, 2019, the Enforcement Unit senior issued a NOV to Dina M. Fratis for violations associated with her property, in the Eel River watershed near Laytonville. During a July 16, 2019, inspection with staff of several agencies, including CDFW, Water Rights, California Department of Food and Agriculture's CalCannabis Bureau, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or resulting in discharges or threatened discharges of waste to receiving waters. The NOV directs Ms. Fratis to contact staff within 30 days to advise of her plan and schedule to address the violations. The NOV also directs Ms. Fratis to file a Report of Waste Discharge or to enroll for coverage under the Statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 22, 2019	Luis Jesus Barajas Mireles	NOV	Water Code sections 13260 and 13264	Ongoing

Comments: On August 22, 2019, the Enforcement Unit senior issued a NOV to Luis Jesus Barajas Mireles for violations associated with his property, in the Eel River watershed near Laytonville. During a July 16, 2019, inspection with staff of several agencies, including CDFW, Water Rights, California Department of Food and Agriculture's CalCannabis Bureau, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in threatened discharges of waste to receiving waters. The NOV directs Mr. Barajas to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Barajas to file a Report of Waste Discharge or to enroll for coverage under the Statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 27, 2019	Levi Carlos Rodriguez	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264	Ongoing

Comments: On August 27, 2019, the Enforcement Unit senior issued a NOV to Levi Carlos Rodriguez for violations associated with his property, in the North Fork Eel River watershed near Kettenpom. During a June 20, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs Mr. Rodriguez to contact staff within 30 days to advise of his plan and schedule to address the

violations. The NOV also directs Mr. Rodriguez to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 28, 2019	Rodney Baker, Gayle Baker	NOV	Water Code sections 13260 and 13264	Ongoing

Comments: On August 28, 2019, the Enforcement Unit senior issued a NOV to Rodney and Gayle Baker for violations associated with their property, near Hayfork. On inspections in July 2018 and May 2019, staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs the Bakers to contact staff within 15 days to advise of their plan and schedule to address the violations. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 29, 2019	Houston Muthart	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264	Ongoing

Comments: On August 29, 2019, the Enforcement Unit senior issued a NOV to Houston Muthart for violations associated with his property, in the South Fork Eel River watershed. During a June 19, 2019, inspection with staff of several agencies, including CDFW and DIV, Regional Water Board staff observed water quality violations associated with an onstream pond that Mr. Muthart had constructed without permits. The NOV directs Mr. Muthart to contact staff within 30 days to advise of his plan and schedule to address the violations. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 30, 2019	Robert D. Kvidt	NOV	Water Code sections 13260 and 13264	Ongoing

Comments: On August 30, 2019, the Enforcement Unit senior issued a NOV to Robert D. Kvidt for violations associated with his property, in the Middle Main Eel River watershed. During a July 16, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs Mr. Kvidt to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Kvidt to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 30, 2019	Paul Pereira	NOV	Water Code sections 13260 and 13264	Ongoing

Comments: On August 30, 2019, the Enforcement Unit senior issued a NOV to Paul Pereira for violations associated with his property, in the Middle Main Eel River watershed. During a July 18, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs Mr. Pereira to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Pereira to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
August 30, 2019	Justin Stewart	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264	Ongoing

Comments: On August 30, 2019, the Enforcement Unit senior issued a NOV to Justin Stewart for violations associated with his property, in the Middle Main Eel River watershed near Laytonville. During a July 18, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs Mr. Stewart to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Stewart to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 4, 2019	Hugh Reimers, Krasilisa Pacific Farms LLC	CAO	Discharges and threatened discharges of waste to receiving waters, violating the Basin Plan, Water Code, and federal Clean Water Act	Ongoing

Comments: On September 4, 2019, the EO issued CAO No. R1-2019-0045 to Hugh Reimers and Krasilisa Pacific Farms LLC, requiring that they clean up and abate the effects of unauthorized excavation and fill of surface waters and the placement and discharge of development-related wastes into surface waters, on property east of Cloverdale, in Sonoma County. On January 14, 2019, staff of the Regional Water Board and Sonoma County Agricultural Commissioner's office inspected the property and observed evidence of large-scale grading/land disturbance and large volumes of discharged waste. The CAO requires several deliverables and actions, with the first deliverable, an Interim Plan, due 30 days from the

effective date of the CAO. The consultant for the Dischargers has submitted an Interim Plan, presently under review by staff. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 4, 2019	Richard Cavender	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264	Ongoing

Comments: On September 4, 2019, the Enforcement Unit senior issued a NOV to Richard Cavender for violations associated with his property, in the South Fork Eel River watershed. During a July 16, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs Mr. Cavender to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Cavender to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 5, 2019	Sonoma County Water Agency/ Occidental County Sanitation District	Acceptance of Conditional Resolution and Waiver of Right to Hearing (Acceptance and Waiver)	Violations of effluent limits in NPDES permit, subject to Mandatory Minimum Penalties (MMPs)	Resolved

Comments: On September 5, 2019, the EO signed and executed Order No. R1-2019-0030, settling an Expedited Payment Letter (EPL) issued to the Sonoma County Water Agency and Occidental County Sanitation District for effluent limit violations associated with discharges from the Occidental Wastewater Treatment Facility during the period from May 1, 2016, through September 30, 2018. The EPL proposed a penalty amount of \$27,000. The executed Order requires penalty payment to the State Water Board Cleanup and Abatement Account by October 5, 2019.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 6, 2019	Joseph Herhey Alexander	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264; Statewide Cannabis Order No. WQ 2017-0023-DWQ (statewide cannabis order)	Ongoing

Comments: On September 6, 2019, the Enforcement Unit senior issued a NOV to Joseph Herhey Alexander for violations associated with his property, in the Middle Main Eel River watershed near Laytonville. During a July 16, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. Mr. Alexander's property is enrolled for coverage under the statewide cannabis order; staff found the property to be in violation of dozens of provisions of the statewide order. The NOV directs Mr. Alexander to contact staff within 30 days to advise of his plan and schedule to address the violations. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 9, 2019	William J. Milligan	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264	Ongoing

Comments: On September 9, 2019, the Enforcement Unit senior issued a NOV to William J. Milligan for violations associated with his property, in the Middle Main Eel River watershed, near Blocksburg. During an August 7, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs Mr. Milligan to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Milligan to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 10, 2019	Phillip Flora	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264	Ongoing

Comments: On September 10, 2019, the Enforcement Unit senior issued a NOV to Phillip Flora for violations associated with his property, in the Mad River watershed near Dinsmore. During an August 6, 2019, inspection with staff of several agencies, including CDFW and Water Rights,

Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs Mr. Flora to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Flora to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 10, 2019	White Circle Commerce LLC	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264	Ongoing

Comments: On September 10, 2019, the Enforcement Unit senior issued a NOV to White Circle Commerce LLC for violations associated with property in the Middle Main Eel River watershed near Alderpoint. During an August 7, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs White Circle LLC to contact staff within 30 days to advise of plans and schedule to address the violations. The NOV also directs that White Circle LLC file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 10, 2019	RCSA LLC	NOV	Water Code section 13260	Ongoing

Comments: On September 10, 2019, the Enforcement Unit senior issued a NOV to RCSA LLC for violations associated with property in the Mad River watershed near Dinsmore. During an August 6, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in threatened discharges of waste to receiving waters. The NOV directs RCSA LLC to contact staff within 30 days to advise of plans and schedule to address the violations. The NOV also directs RCSA LLC to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 11, 2019	Roberto Alatorre, Ixel Medrano	NOV	Water Code section 13260	Ongoing

Comments: On September 11, 2019, the Enforcement Unit senior issued a NOV to Roberto Alatorre and Ixel Medrano for violations associated with their property, in the Middle Main Eel River watershed near Alderpoint. During an August 8, 2019, inspection with staff of several

agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in threatened discharges of waste to receiving waters. The NOV directs Mr. Alatorre and Mr. Medrano to contact staff within 30 days to advise of plans and schedule to address the violations. The NOV also directs Mr. Alatorre and Mr. Medrano to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 20, 2019	Telonicher Marine Laboratory	Acceptance of Conditional Resolution and Waiver of Right to Hearing (Acceptance and Waiver)	Late reports and violations of effluent limits in NPDES permit, subject to Mandatory Minimum Penalties (MMPs)	Ongoing

Comments: On September 20, 2019, the EO signed Order No. R1-2019-0033, settling an Expedited Payment Letter (EPL) issued to Humboldt State University/Telonicher Marine Laboratory for late reports and effluent limit violations during the period from August 2, 2013, through December 31, 2018. The EPL proposed a penalty amount of \$9,000. The executed Order requires penalty payment to the State Water Board Cleanup and Abatement Account by October 20, 2019.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 23, 2019	Diana Amelina	NOV	Basin Plan section 4.2.1 Prohibitions 1 and 2; Water Code sections 13260 and 13264	Ongoing

Comments: On September 23, 2019, the Enforcement Unit senior issued a NOV to Diana Amelina for violations associated with her property, in the Mad River watershed near Dinsmore. During an August 6, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in discharges and threatened discharges of waste to receiving waters. The NOV directs Ms. Amelina to contact staff within 30 days to advise of her plan and schedule to address the violations. The NOV also directs Ms. Amelina to file a Report of Waste Discharge or to enroll for coverage under the statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 23, 2019	Christopher Michael Waters	NOV	Water Code section 13260	Ongoing

Comments: On September 23, 2019, the Enforcement Unit senior issued a NOV to Christopher Michael Waters for violations associated with his property, in the Middle Main Eel River watershed near Alderpoint. During an August 8, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in threatened discharges of waste to receiving waters. The NOV directs Mr. Waters to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Waters to file a Report of Waste Discharge or to enroll for coverage under the Statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 24, 2019	Roger A. and Janet E. Brown	NOV	Water Code section 13260	Ongoing

Comments: On September 24, 2019, the Enforcement Unit senior issued a NOV to Roger and Janet Brown for violations associated with their property, in the Mattole River watershed near Petrolia. During an August 5, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in threatened discharges of waste to receiving waters. The NOV directs the Browns to contact staff within 30 days to advise of their plan and schedule to address the violations. The NOV also directs the Browns to file a Report of Waste Discharge or to enroll for coverage under the Statewide cannabis order. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of September 24, 2019
September 24, 2019	Emil Terzisky	NOV	Water Code section 13260	Ongoing

Comments: On September 24, 2019, the Enforcement Unit senior issued a NOV to Emil Terzisky for violations associated with his property, in the Middle Main Eel River watershed near Fort Seward. During an August 7, 2019, inspection with staff of several agencies, including CDFW and Water Rights, Regional Water Board staff observed features and conditions associated with site development and use for cannabis cultivation that were causing or had resulted in threatened discharges of waste to receiving waters. The NOV directs Mr. Terzisky to contact staff within 30 days to advise of his plan and schedule to address the violations. The NOV also directs Mr. Terzisky to file a Report of Waste Discharge or to enroll for coverage under the Statewide cannabis order. This matter is ongoing.

Projected List of Future Regional Water Board Agenda Items

The following is a list of Regional Water Board agenda items that staff are planning for the December 2019 and February 2020 Board meetings. **This list of agenda items is intended for general planning purposes and is subject to change.** Questions regarding the listed agenda items should be addressed to the identified staff person.

December 18-19, 2019 (likely only 19th) (Santa Rosa, CA)

- UC Davis Bodega Marine Lab NPDES Permit Reissuance (*Cathy Goodwin*) [A]
- Smith River Plain Water Quality Management Plan Update (Ben Zabinsky & Clayton Creager) [I]
- 303(d)/305(b) Integrated Report & TMDL Development Overview (*Katharine Carter, Lisa Bernard*) [I]

February 6 & 7, 2020 (Santa Rosa, CA)

- County of Sonoma LAMP (*Charles Reed*) [A]
- Loleta CSD WWTP (*Justin McSmith*) [A]
- Green Diamond Elk River GWDR (*Jim Burke*) [A]
- Bodega Bay PUD WWTP WDRs and Master Reclamation Permit (*C. Goodwin*) [A]